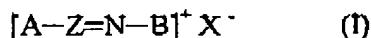


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11. (NEW) The composition of claim 10 wherein the cationic dye is represented by formula I:



wherein Z is a nitrogen atom or a CH group;

A and B are independently of one another, a benzene ring or aromatic heterocycle group that is substituted or unsubstituted; and

X⁻ is an anion.

12. (NEW) The composition of claim 11 wherein A or B or both have one or more substituents selected from halogen atoms, NR₁R₂ groups, or OR₁ groups, wherein R₁ and R₂ are independently selected from hydrogen, a C₁ to C₈ alkyl group, a C₁ to C₄ hydroxyalkyl group, or a phenyl group.

a¹⁰

13. (NEW) The composition of claim 10 wherein the cationic dye comprises:- aminophenylazo-2-hydroxy-7-trimethylammoniumnaphthalene chloride, 2-methoxyphenylazo-2-hydroxy-7-trimethylammoniumnaphthalene chloride, 4-amino-3-nitrophenylazo-2-hydroxy-7-trimethylammoniumnaphthalenechloride, 3-trimethylammoniumphenylazo-4N-phenyl-2-methyl-5-hydroxypyrazole chloride, (1-methyl-1-phenyl)-2-(1-methine-4N-methylpyridinium) hydrazine chloride, (1-methyl-1-paramethoxyphenyl)-2-(1-methine-4N-methylpyridinium) hydrazine chloride, (1-methyl-1-paramethoxyphenyl)-2-(1-methine-4N-methylpyridinium) hydrazine sulfate, 4-dimethylaminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-dimethylaminophenylazo-2N-methyl-3N-methylpyrazolium chloride, 4-methylaminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-aminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-dimethylaminophenylazo-4N-methylpyridinium chloride, 4-(4-aminophenylamino)phenyl azo-2N-methyl-5N-methylimidazolium, or 3-amino-7-(dimethylamino)-2-methoxyphenoxyazine-5-ium chloride, or combinations thereof.

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14. (NEW) The composition of claim 10 wherein the cationic dye is present in an amount of from 0.001 weight percent to 3 weight percent, based on the total weight of the composition.

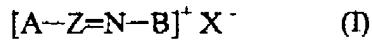
15. (NEW) A kit for permanently waving hair comprising:

(a) a cationic dye solution comprising at least one cationic dye, wherein the cationic dye is present in an amount effective to color hair and has a quaternary nitrogen atom that is optionally delocalizable and an $-X=N-$ bond, wherein X is a nitrogen atom or a $-CH-$ group; and

(b) an oxidative fixing solution comprising at least one oxidative fixing agent for permanently waving the hair.

16. (NEW) The kit of claim 15 further comprising a reducing solution comprising at least one reducing agent.

17. (NEW) The kit of claim 16 wherein the cationic dye is represented by formula I:



wherein Z is a nitrogen atom or a CH group;

A and B are independently of one another, a benzene ring or aromatic heterocycle group that is substituted or unsubstituted; and

X⁻ is an anion.

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18. (NEW) The kit of claim 15 wherein the cationic dye comprises 4-aminophenylazo-2-hydroxy-7-trimethylammoniumnaphthalene chloride, 2-methoxyphenylazo-2-hydroxy-7-trimethylammoniumnaphthalene chloride, 4-amino-3-nitrophenylazo-2-hydroxy-7-trimethylammoniumnaphthalene chloride, 3-trimethylammoniumphenylazo-4N-phenyl-2-methyl-5-hydroxypyrazole chloride, (1-methyl-1-phenyl)-2-(1-methine-4N-methylpyridinium) hydrazine chloride, (1-methyl-1-paramethoxyphenyl)-2-(1-methine-4N-methylpyridinium) hydrazine chloride, (1-methyl-1-paramethoxyphenyl)-2-(1-methine-4N-methylpyridinium) hydrazine methylsulfate, 4-dimethylaminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-dimethylaminophenylazo-2N-methyl-3N-methylpyrazolium chloride, 4-methylaminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-aminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-dimethylaminophenylazo-4N-methylpyridinium chloride, 4-(4-aminophenylamino)phenylazo-2N-methyl-5N-methylimidazolium, or 3-amino-7-(dimethylamino)-2-methoxyphenoxyazine-5-ium chloride, or combinations thereof.

19. (NEW) A method of permanently waving hair comprising:

(a) applying a reducing solution to hair wherein the reducing solution comprises at least one reducing agent;

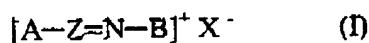
(b) applying at least one oxidative fixing solution to the hair wherein the oxidative fixing solution comprises at least one oxidative fixing agent for permanently waving the hair; and

(c) applying to the hair at least one cationic dye in an amount effective to color the hair and having a quaternary nitrogen atom that is optionally delocalizable and an $X=N$ bond, wherein X is a nitrogen atom or a CH group, and wherein the cationic dye is applied to the hair (i) as a component of the oxidative fixing solution, or (ii) as a component of a third solution after application of the oxidative fixing solution, or (iii) both.

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20. (NEW) The method of claim 19 wherein the cationic dye is represented by formula I:



wherein Z is a nitrogen atom or a CH group;

A and B are independently of one another, a benzene ring or aromatic heterocycle group that is substituted or unsubstituted; and

X⁻ is an anion.

21. (NEW) The method of claim 20 wherein A or B or both have one or more substituents selected from halogen atoms, NR₁R₂ groups, or OR₁ groups, wherein R₁ and R₂ are independently selected from hydrogen, a C₁ to C₈ alkyl group, a C₁ to C₄ hydroxyalkyl group, or a phenyl group.

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A 10
22. (NEW) The method of claim 21 wherein the cationic dye comprises 4-aminophenylazo-2-hydroxy-7-trimethylammoniumnaphthalene chloride, 2-methoxyphenylazo-2-hydroxy-7-trimethylammoniumnaphthalene chloride, 4-amino-3-nitrophenylazo-2-hydroxy-7-trimethylammoniumnaphthalenechloride, 3-trimethylammoniumphenylazo-4N-phenyl-2-methyl-5-hydroxypyrazole chloride, (1-methyl-1-phenyl)-2-(1-methine-4N-methylpyridinium) hydrazine chloride, (1-methyl-1-paramethoxyphenyl)-2-(1-methine-4N-methylpyridinium) hydrazine chloride, (1-methyl-1-paramethoxyphenyl)-2-(1-methine-4N-methylpyridinium) hydrazine chloride, 4-dimethylaminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-dimethylaminophenylazo-2N-methyl-3N-methylpyrazolium chloride, 4-methylaminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-aminophenylazo-2N-methyl-5N-methylimidazolium chloride, 4-dimethylaminophenylazo-4N-methylpyridinium chloride, 4-dimethylaminophenylazo-4N-oxidopyridinium chloride, 4-(4-aminophenylamino)phenylazo-2N-methyl-5N-methylimidazolium, or 3-amino-7-(dimethylamino)-2-methoxypheinoxazine-5-ium chloride, or combinations thereof.

23. (NEW) The method of claim 19 wherein the cationic dye is present in the oxidative fixing solution or the third solution in an amount of from 0.001 weight percent to 3 weight percent, based on the total weight of the solution.

24. (NEW) The method of claim 19 wherein the solution containing the cationic dye has a pH of 5 or greater.

25. (NEW) The method of claim 24 wherein the solution containing the cationic dye comprises 60 weight percent or greater water. --